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Docket No. SPV-10-5707

Applicant(s): Spivak

Serial No.	Filing Date	Examiner	Group Art Unit
<u>10/633,920</u>	<u>August 4, 2003</u>	<u>Wells</u>	<u>2881</u>

Invention:

UV LED LIGHT PROJECTION METHOD AND APPARATUS

I hereby certify that these **Examiner Interview Notes**

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Fax. No. 703 872 9306 on August 9, 2004 4 (including this page)
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TO: Examiner Well

Attached are Examiner Interview Notes to be entered in the foregoing application.

It is not believed any fee is associated with this communication. However, if a fee is involved, please charge Deposit Account No. 500645.

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(Signature)

Examiner Interview Notes

On July 1st and 2nd, 2004, in interviews initiated by examiner Nikita Wells, telephone number 571-272-2484, claims and prior art discussed. Examiner Wells stated that in view of three references (application publication 2003/0216795A1 to Harth, U.S. patent 6447537B1 to Hartman, and application publication 2003/0036204A1 to Stark, that present claims have some allowable subject matter, and with amendment we could place application in condition for allowance.

I informed the examiner that I have knowledge of another utility patent application, to Fiset filed on November 17 2003 based upon a provisional application priority date of May 24th 2003; and that Fiset has represented to me that upon his review of our published application claims there may be an interference issue with respect to his application. I also stated that I have not been able to review the Fiset application as it is not published and Fiset will not provide a copy to me. Nevertheless, under a duty of candor and to advance examination of our claims I informed the examiner of the existence of the application, although I have not seen it and can form no opinion of its relevance.

The examiner retrieved the Fiset application, and upon his review he still found allowable subject matter not common to Fiset. I proposed claim 1 be amended to describe the matrix with UVA and UVB LED's to traverse the prior art rejections and enquired as to whether it would also traverse Fiset. The examiner stated he did not feel that said amendment would traverse the prior art of record above, and said amendment would also be common with teachings of Fiset and may require an interference, depending upon exact claim language.

The undersigned then agreed to the amendments below, which were deemed by the examiner to place the application claims in condition for allowance over the three prior art references of record, and over the Fiset application. He also suggested that Fiset be made of record by a supplemental IDS, and I agreed to do so. The examiner identified the Fiset application serial number to undersigned attorney as 10/714,824. Undersigned will list this number on the supplemental IDS in order to correctly identify the application.

Pursuant to examiner's amendment, claims 1, 8 and 15 are amended as follows, placing all claims in condition for allowance:

1. (Currently Amended) A UVR LED light projection apparatus for irradiating a subject, comprising:

(a) a plurality of light emitting diodes configured to emit ultraviolet radiation, the plurality of diodes arranged in a matrix corresponding to a shape of the subject to be irradiated; and

(b) a power modulation control unit in communication with the plurality of diodes;

wherein the power modulation control unit is configured to energize and cause the diodes to emit light and thereby irradiate the subject with ultraviolet radiation, said ultraviolet radiation having an intensity sufficient to cause material physical change in said subject.

8. (Currently Amended) A method for irradiating a subject with UVR from a plurality of light emitting diodes, comprising the steps of:

(a) arranging a plurality of light emitting diodes in a matrix corresponding to a shape of the subject to be irradiated, the plurality of diodes configured to emit ultraviolet radiation;

(b) providing a power modulation control unit in communication with the plurality of diodes;

- (c) the power modulation control unit energizing and thereby causing the diodes to emit ultraviolet radiation light having an intensity sufficient to cause material physical change in a subject;
- (d) irradiating a subject with said ultraviolet radiation light; and
- (e) the irradiation of the subject with the ultraviolet radiation light causing a material physical change in said subject.

15. (Currently Amended) An article of manufacture comprising a computer usable medium having a computer readable program embodied in said medium, wherein the computer readable program, when executed on a computer, causes the computer to:

cause a power modulation control unit to energize a plurality of light emitting diodes arranged in a matrix corresponding to a shape of a subject to be irradiated, the diodes thereby emitting ultraviolet radiation having an intensity sufficient to cause material physical change in ~~a~~the subject.

Date: Sept 26 2004

By: Patrick J. Daugherty

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